

**ABSTRACT OF THE DISCLOSURE**

**FLEXIBLE INTEGRATION OF SOFTWARE APPLICATIONS IN A  
NETWORK ENVIRONMENT**

5           A software application for integration into a picture archiving and  
communications systems (PACS) network is described. The software application is  
provided as a single software component using model-view-controller software  
architecture. The software component's interface is used to expose predominantly only  
functional parts of a stand-alone version of the software application to a system  
10   integrator. The interface provides a set of user interface control parameters and a set  
of data handling parameters. These allow a PACS network provider to integrate the  
software application easily by generating a suitable graphical user interface for the  
application which can be configured to match the "look and feel" desired by the  
network provider. This can be done in a way which does not require the PACS  
15   network provider to have a deep understanding of the technical functioning of the  
software application.

Figure 2